

FORM PTO-1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b))	ATTY. DOCKET NO.:	SERIAL NO.:
	RE-EXAM CONTROL NO.:	
	APPLICANT: Hollander et al.	
	FILING DATE:	GROUP:

REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS					
EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
		4,591,256	5-27-86	Matsumura			
		5,258,871	11-02-93	Gupta			
		3,823,313	7/1974	Unema	362	259	
		4,315,150	2/1982	Darringer et al.	374	130	
		4,330,212	5/1982	Miller	356	354	
		4,494,881	1/1985	Everest	374	124	
		4,576,432	3/1986	Ruger	374	124	
		4,582,426	4/1986	Douglas	374	121	
		4,626,686	12/1986	Pompei et al.	374	124	
		4,963,096	10/1990	Khattak et al.	434	121	
		5,085,525	2/1992	Bartosiak et al.	374	124	
		5,172,978	12/1992	Nomura et al.	374	121	
		5,368,392	6/1994	Hollander et al.	374	121	

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
		GB 2,203,537A	10-19-98	Great Britain				
		62-12848	2/1982	Japan	374	121		
		57-0255851	2/1982	Japan	374	121		
		57-0022521	2/1982	Japan				
		32 13 955	10/1982	Germany	374	121		
		3607679	11/1986	Germany				

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
	Gaylord, Thomas K., Moharam, M. G., "Analysis and Applications of Optical Diffraction by Gratings," Proceedings of the IEEE, Vol. 73, No. 5, May 1985, pp. 894-937.
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	McCormick, F. B., "Generation of Large Spot Arrays From a Single Laser Beam by Multiple Imaging with Binary Phase Gratings," Optical Engineering, April 1989, Vol. 28 No. 4, pp. 299-304.
	Harvey, James E.; Scott, Marion L., "Hole Grating Beam Sampler-Versatile High-Energy Laser (HEL) Diagnostic Tool," Optical Engineering, November/December 1981, Vol. 20, No. 6, pp. 881-886.

EXAMINER	DATE CONSIDERED
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EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
		5,524,984	6/1996	Hollander et al.	374	121	
		5,626,424	5/1997	Litvin et al.	374	121	
		5,727,880	3/1998	Hollander et al.	374	121	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
		0458200	11/1991	European Pat.	374	121		
		0458200A3	11/1993	European Pat.				

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

	Haidner, Helmut; Kipfer, Peter; Sheridan, John T.; Schwider, Johannes; Streibl, Norbert; Lindolf, Jürgen; Collischon, Martin; Lang, Anette; Hutfless, Joachim, "Polarizing Reflection Grating Beamsplitter for the 10.6- μ m Wavelength," Optical Engineering, August 1993, Vol. 32, No. 8, pp. 1860-1865.
	Molesini, G.; Pedrini, G.; Quercioli, F., "Laser Unequal Path Interferometer Configurations by Grating Splitting at the Fourier Plane," Optical Engineering, September/October 1984, Vol. 23, No. 5, pp. 646-649.
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	Munnerlyn, C. R., "A Simple Laser Interferometer," Applied Optics, April 1969, Vol. 8, No. 4, pp. 827-829.
	Miller, Miroslav, "Photoresist as a Recording Material for Holographic Elements," SPIE vol. 2108, 8 pp.
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	Kim, Richard C.; Case, Steven K., "Holographic Beamsplitter for Multiple Plane Wave Formation with Matched Phasefronts," SPIE (1989) Vol. 1052, pp. 52-64.
	Shuying, Wang; Chun, Lei, "New Method of Designing High-Efficiency Multi-Beam Light-Splitter," SPIE Vol. 1973, pp. 87-93.
	Lu, Xuenong; Wang, Ying; Wu, Minxian; Jin, Guofan, "The Fabrication of a 25x25 Multiple Beam Splitter," Vol. 72, number 3.4, pp. 157-162.

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(Modified)U.S. DEPARTMENT OF COMMERCE
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(Use several sheets if necessary)

(37 CFR 1.98(b))

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		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

		Azzam, R. M. A.; Forgala, G. W., "Creation of an Optical XYZ Coordinate System Using Bidirectional Blazing From A Symmetric Triangular-Groove Grating in a Conical Diffraction Mount," Optics Letters, Vol. 18, No. 24, 15 Dec. 1993, pp. 2162-2164, USA.
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		Kawatsuki, N.; Uetsuki, M., "Crossed Grating Beam Splitter for Magneto-optical Pickup Head," Japanese Journal of Applied Physics Part 1 - Regular Papers Short Notes & Review Papers, Vol. 29, No. 11, Nov. 1990, pp. 2420-2423, Japan.
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		Mikes, T., "Fringe Benefits: Applications of Holographic Elements," Photonics Spectra, Vol. 17, No. 3, March 1983, pp. 40-44, USA.

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